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| | | | | Application Number | 09/921,518 |
| | | | | Filing Date | August 1, 2001 |
| | | | | First Named Inventor | John T. Moore |
| | | | | Art Unit | 2818 |
| | | | | Examiner Name | P. Dang |
| Sheet | 1 | of | 1 | Attorney Docket Number | M4065.0696/P696 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|--------------------------|--|--------------------------------|--|--|
| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | |
| PP | A | 6,469,364 B1 | 10/22/2002 | Kozicki | |
| PD | B | US 2002/0168820 A1 | 11/14/2002 | Kozicki et al. | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|--------------------------|---|--------------------------------|--|--|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
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| OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS | | | |
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| Examiner Signature | PHUC T. DANG | Date Considered | 8/4/03 |
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| | | | | | FILING DATE August 1, 2001 | | GROUP 2818 | |
| U.S. PATENT DOCUMENTS | | | | | | | | |
| Examiner Initial | Class | Document Number | Date | Name | Class | Subclass | Filing Date if Appropriate | |
| PD | AA | 6,376,284 B1 | 04/23/02 | Gonzalez et al. | 438 | 129 | | |
| ↑ | AB | 6,391,688 B1 | 05/21/02 | Gonzalez et al. | 438 | 128 | | |
| | AC | 6,414,376 B1 | 07/02/02 | Thakur et al. | 257 | 640 | | |
| ↓ | AD | 6,418,049 B1 | 07/09/02 | Kozicki et al. | 365 | 174 | | |
| PD | AE | 6,423,628 B1 | 07/23/02 | Li et al. | 438 | 622 | | |
| | AF | | | | | | | |
| | AG | | | | | | | |
| | AH | | | | | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | | |
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| | AL | | | | | | | |
| | AM | | | | | | | |
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | | |
| PD | AN | McHardy et al., <i>The dissolution of metals in amorphous chalcogenides and the effects of electron and ultraviolet radiation</i> , 20 J. Phys. C: Solid State Phys., pp. 4055-4075 (1987). | | | | | | |
| PD | AO | Miyatani, <i>Electrical Properties of Ag₂Se</i> , 13 J. Phys. Soc. Japan, p. 317 (1958). | | | | | | |
| PD | AP | Mizusaki et al. <i>Kinetic Studies on the Selenization of Silver</i> , 47 BUL. CHEM. SOC. JAPAN., No. 11 pp. 2851-2855 (November 1974). | | | | | | |
| EXAMINER PHUC T. DANG | | | | DATE CONSIDERED 8/4/03 | | | | |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | | |

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| U.S. PATENT DOCUMENTS | | | | | | |
| Examiner Initial | Document Number | Date | Name | Class | Subclass | Filing Date if Appropriate |
| PD | AA | 10/061,825 | Gilton et al. (as filed and amended) | | | 01/31/2002 |
| PD | AB | 10/077,867 | Campbell et al. (as filed) | | | 02/20/2002 |
| PD | AC | 10/232,757 | Li, et al. (as filed) | | | 08/29/2002 |
| | AD | | | | | |
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| | AG | | | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | |
| | Document Number | Date | Country | Class | Subclass | Translation |
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| | AL | | | | | |
| | AM | | | | | |
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | |
| PD | AN | | Owens et al., <i>Metal-Chalcogenide Photoresists for High Resolution Lithography and Sub-Micron Structures</i> , NANOSTRUCTURE PHYSICS AND FABRICATION, pp. 447-451 (Academic Press, 1989). | | | |
| | | | | | | |
| PD | AO | | Safran et al., <i>TEM study of Ag₂Se developed by the reaction of polycrystalline silver films and selenium</i> , 317 THIN SOLID FILMS, pp. 72-76 (1998). | | | |
| | | | | | | |
| PD | AP | | Shimizu et al., <i>The Photo-Erasable Memory Switching Effect of Ag Photo-Doped Chalcogenide Glasses</i> , 46 BUL. CHEM. SOC. JAPAN, No. 12, pp. 3662-3665 (December 1973). | | | |
| | | | | | | |
| EXAMINER PHUC T. DANG | | | DATE CONSIDERED 8/4/03 | | | |
| <small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small> | | | | | | |

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| U.S. PATENT DOCUMENTS | | | | | | | |
| Examiner Initial | | Document Number | Date | Name | Class | Subclass | Filing Date if Appropriate |
| | AA | | | | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | Document Number | Date | Country | Class | Subclass | Translation |
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| | AL | | | | | | |
| | AM | | | | | | |
| OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| PD | AH | | Yoshikawa et al., Dry development of Se-Ge inorganic photoresist, 36 APPL. PHYS. LETT., No. 1; | | | | |
| | | | pp. 107-109 (January 1980). | | | | |
| | AD | | | | | | |
| | AP | | | | | | |
| EXAMINER | | PHUC T. DANG | | DATE CONSIDERED 8/4/03 | | | |
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